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Docket No.: 212833US0PCT

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
Takami MAEKAWA, et al. :
SERIAL NO: 09/926,028 : ATTN: BOX SEQUENCE
FILED: AUGUST 16, 2001 :
FOR: METHOD FOR ANALYZING EXPRESSION FREQUENCIES OF GENES

PRELIMINARY AMENDMENT AND STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Office Communication mailed March 22, 2002, please amend the above-identified application as follows:

IN THE SPECIFICATION

Please delete the original Sequence Listing.

Please replace the paragraph beginning on page 14, line 13, with the following text:

al
Fig. 1 shows an exemplary structure of plasmid DNA for producing a vector primer (MAGE/pUC19). The structure of the MAGE/pUC19 is shown having a multiple cloning sequence of GATTCGTGCAGATCTCACACTGCAGAGATCCAACAGCATGGAAGCTT (plus strand; SEQ ID NO: 1) and the corresponding minus strand having a sequence (5' to 3') of AAGCTTCCATGCTGTTGGATCTCTGCAGTGTGAGATCTGCACGAATTC (SEQ ID NO: 17). In this, and subsequent, figure(s), the term "plus strand" represents the top sequence, which is shown in the figure in 5' to 3' orientation, and the term "minus strand" represents the bottom sequence, which is shown in the figure in 3' to 5' orientation.

(plus strand; SEQ ID NO: 30) and

AAGCTTCCATGCTGGCTCCAATCCGTTTAAACTCCGTTTTTTTTTTTTTTTTTTTTN

[illegible]

Please replace the paragraph beginning on page 14, line 20, with the following text:

Fig. 4 schematically shows the steps (c) and (d) of the method of the present

invention. In Fig. 4I, the represented DNA sequence has the following sequence (5' to 3'):

GAATTCGTGCAGATCNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNAAAAAAAAA

AAAAAACGGAGTTTAAACGGATTGGAGCCAGCATGGAAGCTT (plus strand; SEQ ID NO: 32) and

AAGCTTCCATGCTGGCTCCAATCCGTTTAAACTCCGTTTTTTTTTTTTTTNNNNN

NNNNNNNNNNNNNNNNNNNNNNNGATCTGCACGAATTC (plus strand; SEQ ID

NO: 33). Following BsgI and PmeI treatment, Fig. 4J shows the following DNA fragments

(all listed 5' to 3'): GAATTCGTGCAGATCNNNNNNNNNNNN (SEQ ID NO: 34)

NNNNNNNNNNNNNNNNNNNAAAAAAAAAAAAAAAAACGGAGTTT (SEQ ID NO: 35)

AAACGGATTGGAGCCAGCATGGAAGCTT (SEQ ID NO: 36)

NNNNNNNNNGATCTGCACGAATTC (SEQ ID NO: 37)

AAACTCCGTTTTTTTTTTTTTTTTNNNNNNNNNNNNNNNNNNNN (SEQ ID NO: 38)

AAGCTTCCATGCTGGCTCCAATCCGTTT (SEQ ID NO: 39). Following 1) blunting of

ends and 2) ligation and cyclization Fig. 4K provides the following exemplary sequence (5' to 3'):

GAATTCGTGCAGATCNNNNNNNNNNNAAACGGATTGGAGCCAGCATGGAAGCTT

(plus strand; SEQ ID NO: 40) and

AAGCTTCCATGCTGGCTCCAATCCGTTTNNNNNNNNNNNGATCTGCACGAATTC

a2/ (bottom strand; SEQ ID NO: 41). In Fig. 4L, an exemplary PCR amplification product is provided with the following sequence (5' to 3'): GATCNNNNNNNNNNNAAACGGATC (plus strand; SEQ ID NO: 42) and GATCCGTTTNNNNNNNNNNNGATC (minus strand; SEQ ID NO: 43).

Please replace the paragraph beginning on page 14, line 22, with the following text:

a5 Fig. 5 schematically shows the step (e) of the method of the present invention and a step of inserting an amplification product obtained in the step (e) into a cloning vector for sequencing. The small DNA fragment (listed 5' to 3') is GATCNNNNNNNNNNNAAACG (plus strand; SEQ ID NO: 44) and GATCCGTTTNNNNNNNNNNN (minus strand; SEQ ID NO: 45).

At page 38 (Abstract), after the last line, beginning on a new page, please insert the attached substitute Sequence Listing.

REMARKS

Claims 1-8 are pending in the present application.

Applicants have now submitted a substitute Sequence Listing and a corresponding computer-readable Sequence Listing. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the substitute Sequence Listing. Support for all of the sequences listed in the substitute Sequence Listing is found in the present application as originally filed. No new matter is believed to have been introduced by the submission of the substitute Sequence Listing and the corresponding computer-readable Sequence Listing.

Applicants submit that a surcharge for filing the application in the absence of an Oath or Declaration is not required. Applicants submit herewith a copy of the Declaration as

originally filed, along with a copy of the date-stamped filing receipt evidencing timely filing thereof. In the event that the Office determines that a surcharge is required, the Commissioner is hereby authorized to charge any additional fees to Deposit Account No. 15-0030.

Applicants submit that the present application is ready for examination on the merits. Early notice to this effect is earnestly solicited.

Respectfully submitted,

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